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Chapter 16 Advanced Formatting and Charting

Overview of New Features

Excel 97 includes numerous new formatting and charting features that both simplify procedures and enhance the appearance of charts and worksheets. These features include:

Conditional formatting. Excel 97 includes a new feature that allows you to apply specific formatting to the contents of cells under certain conditions.



- Rotated text. You can rotate text within cells by using this new feature.
- Merge cells. By merging the contents of one or more cells, you can create one cell.
- Chart Wizard enhancements. Excel 97 consolidates all charting options into one wizard, including the capability to select subtypes and preview the chart in step 1.
- Chart menu. This new menu consolidates many common chart-formatting options, including the capability to modify the chart type, location, and source data.
- Chart toolbar enhancements. The toolbar includes new features that automate chart modifications.
- New chart types. New types include bubble, pie of pie, and bar of pie, as well as three 3-D shapes: pyramid, cone, and cylinder.
- Chart Tips. When the mouse pointer hovers over a particular element, a Chart Tip tells you the name of the chart element, as well as its value.
- Single-click selection. Rather than having to double-click a chart to activate it and then click the selection that you want to modify, you can now simply select a chart element with a single click.
- Time-scale chart axes. Excel 97 includes special formatting options for charts based on a time scale such as month, day, or year.
- Chart data tables. You can combine a graphical representation of data as well as the data itself in a single chart.
- Additional graphical enhancements. Now you're able to add pictures, textures, and gradient fills to your Excel 97 charts.

Formatting Numbers, Dates, and Times

To apply numeric formatting options, select the cell or range of cells that you want to format and then click the appropriate button(s) described in Table 16.1.

Table 16	3.1 Numeric Form	natting But	tons		 1,17.7		- V
Button	Description		<u> </u>	<u></u>		····	هٔ شست
(B)	Currency Style				•	• •	
%	Percent Style						

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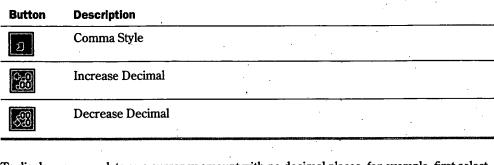
FIG. 16.1

When you choose type of format to the options on th side of the screen change. If you chithe Currency Cate for example, you determine the nu of decimal places current Symbol, a Negative Number format.

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To display revenue data as a currency amount with no decimal places, for example, first select the Currency Style button and then click the Decrease Decimal button twice.

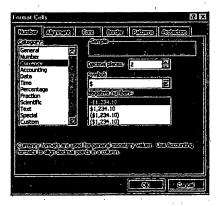


You can also open the Format Cells dialog box by right-clicking the data you want to format and choosing Format Cells from the shortcut menu.

For more complex numeric formatting, choose Format, Cells to open the Format Cells dialog box (see Figure 16.1).

FIG. 16.1

When you choose the type of format to apply, the options on the right side of the screen change. If you choose the Currency Category, for example, you can determine the number of decimal places, the current Symbol, and the Negative Numbers format.



Excel also recognizes common date and time formats, and converts them to the current, default format when you enter data. If your default date format is 9/1/97, for example, the entries 9-1-97, 9/1/1997, or 9/01/97 would all be converted to 9/1/97. From the Format Cells dialog box, select either Date or Time in the Category list, then choose from among the default Types listed.

Creating a Custom Numeric Format

If you need a numeric format that Excel 97 doesn't include, you can create it yourself by using a custom format. To do so, choose the Custom Category in the Number tab of the Format Cells dialog box. Enter the custom format codes in the Type text box, using the samples in the drop-down list as a starting point.



Table 16.2	Date and Time Format Codes		
Code	Description		
m	Month as a number with no leading zero		
mm	Month as a number with leading zero		
mmm	Month as a three-letter abbreviation		
mmmm	Month as a full name		
ď.	Day of week with no leading zero		,
dd	Day of week with leading zero	•	, •
ddd	Day of week as a three-letter abbreviation	*	
dddd	Day of week as a full name		
уу	Year as a two-digit number	:	
уууу	Year as a four-digit number		
h .	Hour with no leading zero		
hh	Hour with leading zero		* .
m	Minute with no leading zero	·	
mm	Minute with leading zero		.
AM/PM	AM or PM indicator		

Using these format codes, you can enter **d-mmm-yy h:mm** to represent 30-Aug-97 0:00, for example.

Formatting Alignment



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To center your text across columns, select the cells that you want to center and then click the Merge and Center button on the Formatting toolbar.





From the Formatting toolbar, you can right-align, left-align, or center your text. For other kinds of alignment formatting, select the cells to format and then choose Format, Cells to open the Format Cells dialog box. Figure 16.2 displays the Alignment tab of this dialog box.

FIG. 16.2

You can change the alignment of data in the Alignment tab of the Format Cells dia box.



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National Credit Counseling Service

http://www.nccs.org/

The National Credit Counseling Service's Web site features news about its Debt Management Program for businesses and individuals, as well a full range of information on credit, budgeting, and financial planning.

Prospect Street

http://www.prospectstreet.com/

Prospect Street is a venture capital firm specializing in resources for high-tech entrepreneurs: information technology, software, the Internet, and wireless communications. Its site has links to investment, stock, and technical research sources.

Securities and Exchange Commission

http://www.sec.gov/smbus1.htm

This page of the SEC site opens its small business area where you can find information on taking your small business public. In addition to a complete Q&A, you'll also find current and pending initiatives of interest.

U.S. Tax Code On-Line

http://www.fourmilab.ch/ustax/ustax.html

This Web page allows access to the complete text of the U.S. Internal Revenue Title 26 of the Code (26 U.S.C.). To make cross-referencing easy, hyperlinks are embedded throughout the text

International Business and Trade

Asia-Pacific Economic Cooperation

http://www.apecsec.org.sg/

Based in Singapore, this organization's Web site carries information on the 18-member countries' economies, information on intellectual property rights overseas, and a financial procedures guidebook with government procurement outlines.

Bureau of Export Administration

http://www.bxa.doc.gov/

A key element of this site is the EAR Marketplace, a one-stop source for timely Export Administration Regulations data, including a current, searchable copy of the Export Administration Regulations online. You can also find current information on U.S. encryption policy here.



Appendix B Business Sites on the Web

Central and Eastern Europe Business Information Center

http://www.itaiep.doc.gov/eebic/ceebic.html

CEEBIC is a primary information source for doing business in the emerging markets of central and eastern Europe. Each country has a full profile that includes market research and business and trade opportunities. A recently added page features tax and VAT rates for the area.

Contact! The Canadian Management Network

http://strategis.ic.gc.ca/sc_mangb/contact/engdoc/homepage.html

This bilingual (English and French) site features links to more than 1,500 Canadian small business support organizations. Here you'll also find a small business handbook on doing business in Canada and information on cross-cultural business strategies.

The Electronic Embassy

http://www.embassy.org/

The Electronic Embassy provides information on embassies for every country with special attention to those on the Internet. There is also an International Business Center that spotlights commercial and nonprofit organizations providing goods, services, or opportunities to international markets.

ExporTutor

http://web.miep.org/tutor/index.html

Is your business export-ready? Follow this site's 10-Step Road Map to Success in Foreign Markets, developed by Michigan State University's International Business Center, to find out. There's also a Quick Consultant with valuable information on everything from Accounting to Value Chain Analysis.

India Market Place

http://www.indiaintl.com/

Here you'll find in-depth information on doing business in India, Indian business news updated every business day, extensive information about trade shows being held in India, and links to India-based business management resources, directories and databases, and associations.

TrADE-Net Italy

http://www.tradenet.it/

Italy is filled with small- to medium-sized companies known for their quality and desire to export. TrADE-Net Italy has a searchable industry directory organized by category—perfect for finding your company just the right import item.

Venture Web-Japan

http://www.venture-web.or.jp/

Searching for a Japanese connection? Whether you're looking for a partner in Japan or marketing your availability to the Japanese market, you can submit your request for posting on the site. Other site areas shave information on export/import regulations and human resource links.

Web of Culture

http://www.worldculture.com/index.html

The Web of Culture is a wonderful site to visit before working with or going to a new country. The site includes information on business, religion, resources, and holidays. There's even a very visual page about gestures and their meanings in different countries.

Job Opportunities and Labor Resources

AFL-CIO

http://www.aflcio.org/

The AFL-CIO Web site focuses its information on unionization and other labor-related issues. New sections include an Executive Pay Watch, Ergonomics, Working Women, and Summer Jobs for Seniors.

America's Job Bank

http://www.ajb.dni.us/

A multi-state project of the public Employment Service, America's Job Bank is for both employers and employees. A section on Occupational Employment trends offers an interactive outlook handbook and answers to many surveys such as, "What's the fastest growing occupation?"

Computer Register

http://www.computerregister.com/

If you're in the market for computer consultants or related services, check out these extensive advertisements, including employment. Classifieds are provided for both job seekers and employers.

CareerPath.com

http://www.careerpath.com/

CareerPath.com posts more than 400,000 new jobs on the Internet every month, and is updated daily by newspapers across the U.S. You can search their help wanted database by category, newspaper, and keyword.

